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CAB ABSTRACTS

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Nematological Abstracts

1991 Volume 60 Annual Indexes

Continues *Helminthological Abstracts – Series B: Plant Nematology*

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Nematological Abstracts

A quarterly journal compiled from the CAB ABSTRACTS database.
Produced by the DIVISION OF CROP PROTECTION AND GENETICS
in association with the International Institute of Parasitology

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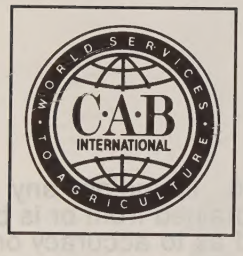
Volume 60



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C·A·B INTERNATIONAL DIVISION OF CROP PROTECTION AND GENETICS
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The Department of Crop Protection also prepares: *Review of Agricultural Entomology, Review of Plant Pathology, Weed Abstracts* and *Seed Pathology and Microbiology.*

How to use Nematological Abstracts

● Either BROWSE, using the CONTENTS

Within each issue, records are sequenced according to their principal subject matter – see CONTENTS page.

Coverage includes plant-parasitic nematodes (not limited to those on economically important plants), free-living nematodes in soil or water, and nematodes associated with invertebrates as final hosts.

● Or SEARCH, using the INDEXES

Subject indexes and author indexes are compiled quarterly and cumulated annually.

SUBJECT INDEX

This guides the user to all the records that make significant reference to specific topics, including the following:

NEMATODES, OTHER INVERTEBRATES AND MICROORGANISMS

Scientific names are used. Records that refer to ecological groups of nematodes in a general way are indexed under these group names: Plant parasitic nematodes, Entomophilic nematodes, Free living nematodes, Marine nematodes. The following headings are used to group the names of individual organisms: Arthropods, Bacteria, Fungi, Insects, Nematophagous fungi, Plant viruses.

HOST PLANTS

English common names are used for major crops, scientific names for minor crops and other plants. Records that refer mainly to groups are indexed under group names, e.g. cereals, vegetables.

COUNTRY OR REGION

For records where geographical occurrence is of particular relevance.

AGROCHEMICALS etc.

Including common or chemical names, with cross-references from proprietary names. See also Nematicides for general records.

OTHER HEADINGS

The main ones are listed here. Scan the ANNUAL INDEX for a more complete picture.

Acid rain
Adaptation
Aging
Behaviour
Biochemistry
Biological control
Biological control agents
Books
Chemotaxonomy
Conferences
Control
Cultural control
Development
Ecology
Feeding behaviour
Forest soils
Fresh water
Genetics
Geographical distribution
Hatching factors
Host range
Interactions
Keys
Life cycle
Losses
Molecular genetics
Morphology
Nematicidal plants
New geographic records
New host records
Organic amendments
Pathogenicity
Pathotypes
Physiology
Population dynamics
Quarantine
Reports
Residues
Resistance
Reviews
Soil
Spread
Surveys
Taxonomy
Techniques
Theses
Transmission
Ultrastructure

AUTHOR INDEX

All authors of each paper are indexed alphabetically by surname. Variants of surnames are also indexed.

A TYPICAL RECORD

1) Abstract No.
2) Authors
3) English translation of title
4) Title
5) Journal or other document
6) (Year) Volume (Part) pages
7) Language of text, any other language of summary
8) Address of first author
9) Abstract
10) Preferred name, if the author uses another name.

The title should be read as an integral part of the abstract.

1 2

894 BOIVIN, G.; BELAIR, G.; FOURNIER, Y.; THIBODEAU, D.

3 → **[Laboratory evaluation of two races of entomophagous nematodes against the carrot weevil.]** L'evaluation en ← 4 laboratoire de deux races de nématodes entomophages contre le charançon de la carotte. *Résumé des Recherches,* ← 5 *Station de Recherches de Saint-Jean-sur-Richelieu, Québec.*

6 → (1987) **16**, 24-25 [Fr, en] Research Station, Saint 7

8 → Jean-sur-Richelieu, CP457, Que. J3B 6Z8, Canada.

9 → The effects of 2 strains of *Steinernema feltiae* 10 → [*Neoaplactana carpocapsae*] on the survival and oviposition of adults of the carrot pest *Listronotus oregonensis* were investigated in the laboratory. The LT50 for overwintered adults was significantly higher than for adults 1-60 days old. When no feeding or oviposition took place, the LT50 was significantly lower for females than males. The availability of food reduced the LT50 for both sexes, but oviposition did not increase the susceptibility in females.

TO OBTAIN A COPY OF THE ORIGINAL ITEM

Use the CAB International Document Delivery Service. A form is printed in this issue.

LIST OF JOURNALS CITED

The annual indexes include an alphabetical list of all journals cited during the year.

ABBREVIATIONS

A number of easily understood abbreviations are used (e.g. sp., species). Initial letters may be used for a nematode after its full name has appeared. The following are also used:

a.i.	active ingredient	EM	electron microscope	PAGE	polyacrylamide gel electrophoresis
coeff.	coefficient	FW	fresh weight	RH	relative humidity
conc.	concentrated	ID	infective dose	SEM	scanning electron microscope
concn	concentration(s)	IU	International unit	str.	strain
CV	coefficient of variation	J_2	second-stage juvenile(s)	TEM	transmission electron microscope
DM	dry matter				
DW	dry weight	LC	lethal concentration		
ED	effective dose	LD	lethal dose		
ELISA	enzyme-linked immunosorbent assay	LT	lethal time		

In abbreviations for languages an initial capital denotes the language of the paper, an initial small letter the language of the summary.

Af	Afrikaans	En	English	Ja	Japanese	Pt	Portuguese
Al	Albanian	Eo	Esperanto	Ko	Korean	Ro	Romanian
Ar	Arabic	Es	Spanish	La	Latin	Ru	Russian
Az	Azerbaijani	Fi	Finnish	Li	Lithuanian	Sh	Serbo-Croat (either script)
Be	Byelorussian (White Russian)	Fr	French	Lv	Latvian	Sk	Slovak
		Gr	Greek	Ma	Macedonian	Sn	Slovene
Bg	Bulgarian	He	Hebrew	My	Malay and Bahasa Malaysia	Sv	Swedish
Ch	Chinese	Hu	Hungarian			Ta	Tajik
Cs	Czech	Ia	Interlingua	Nl	Dutch, Flemish	Tr	Turkish
Da	Danish	In	Indonesian	No	Norwegian	Uk	Ukrainian
De	German	Is	Icelandic	Pe	Persian		
Ee	Estonian	It	Italian	Pl	Polish		

CAB International Division of Crop Protection and Genetics
How the crop protection abstract journals are compiled

Review of Agricultural Entomology
Review of Plant Pathology
Nematological Abstracts
Weed Abstracts

Their purpose

These four journals are designed to keep readers in touch with developments in the crop protection sciences, by abstracting the more important world scientific literature and by publishing review articles. A calendar of crop protection events is included. The abstracts are intended to be full enough for readers to decide whether they need to see the original documents.

The scale and diversity of the agricultural source literature

Over 10,000 journals and other serial publications on agriculture and allied disciplines are received regularly by CAB International; these comprise more than 50,000 documents annually. About 3000 books and other non-serials are also received each year. Publications are received from some 120 countries, in more than 50 languages. Even though English is increasingly the international language of science, some 40% of the literature is in other languages.

Scanning and abstracting the source literature of crop protection

All these documents are scanned by CABI subject specialists and are available to the CABI Division of Crop Protection and Genetics. More than 2900 journals, and numerous new books, are scanned regularly in the Division, whose staff includes specialists in entomology, plant pathology, nematology, weed science, plant genetics, and also linguists.

These specialists identify items within the scope of the four crop protection journals – broadly, scientific documents about agriculturally significant pests (invertebrates, plant pathogens and weeds), beneficial organisms, and relevant crop protection practices and products.

For each item, a record is created consisting of:
- bibliographic information
- an abstract, in English
- subject coding
- index terms.

The CAB ABSTRACTS database

These records are added to the CAB ABSTRACTS bibliographic database. This machine-readable database contains all records published since 1973 in about 45 CABI abstract journals. The total of over 2 million records is growing by more than 130,000 new records per year, of which more than 18,000 per year are on crop protection. The database is available to users for retrospective retrieval and for maintaining current awareness of literature on defined topics. See separate page, and inside back cover.

The crop protection abstract journals

At intervals, relevant records newly added to the database are selected and become the basis for a new issue of one of the crop protection journals. Records are sorted into a standard sequence within each journal issue, according to subject matter. An author index and a subject index are generated. Cumulative indexes are generated at the end of each year.

Scientific links

Each of the four crop protection journals has its own international Editorial Advisory Board of subject specialists. Their members advise on the content and development of the journals, and commission review articles of topical interest.

The CABI Division of Crop Protection and Genetics maintains close contact with the International Institute of Entomology (IIE), the International Mycological Institute (IMI), the International Institute of Parasitology (IIP) and the International Institute of Biological Control (IIBC). These links are especially important in providing the authority for the preferred names of pest organisms used in the journal indexes. IIBC is responsible for compiling the related abstract journal *Biocontrol News and Information*.

The Division of the Crop Protection and Genetics is also in close contact with subject specialists in the four other Divisions of the CABI Information Services of who compile 45 abstract journals covering the rest of agriculture, forestry and allied disciplines. Comments from users are always welcome. Please write to Mr Geoffrey A. Viney, Division of Crop Protection and Genetics, CAB International, Wallingford, Oxon OX10 8DE, UK.

C·A·B INTERNATIONAL

WORLD SERVICES TO AGRICULTURE

WORLD SERVICES TO AGRICULTURE

Retrieving records on crop protection from the CAB ABSTRACTS database

The CAB ABSTRACTS database gives access to all records published since 1973 in *Review of Plant Pathology, Review of Agricultural Entomology, Nematological Abstracts, Weed Abstracts, Biocontrol News and Information* and the other CAB International abstract journals.

The database provides a powerful tool for retrieving:

– records from any one of the CONTENTS headings or their subdivisions (more than 200 subdivisions are explained in *CAB ABSTRACTS Online*).

– records containing, for example:
- an author's name
- a plant name
- a pest name (invertebrate, plant pathogen or weed)
- a country name
- a vector name
- the name of a beneficial organism
- an agrochemical name
- a journal name
- any chosen word or phrase (including any index phrase)
- any chosen combination of these.

Retrieval can be:

– ONLINE, using a personal computer or terminal, linked to the telephone system. Output can be printed and mailed to you or, subject to certain conditions, downloaded for local processing.

– From CD-ROM. From 1990, CAB ABSTRACTS data for 1984–1989 are available on CD-ROM.

– By CAB International, who can hold a profile of your interests and send you relevant records on paper or in machine-readable form. This can be done once, or can be updated at intervals.

Further information is available from CAB International.

Full particulars of online hosts are given in the CAB International Agricultural Information Catalogue, available free.

Three books of particular interest to users of the CAB ABSTRACTS database are:

CAB ABSTRACTS ONLINE. A detailed guide to online retrieval.

CAB THESAURUS. A hierarchical list of terms used in indexing all the 50 CAB International abstract journals and the AGRICOLA database of the National Agricultural Library of the USA.

CAB SERIALS CHECKLIST. A list of all titles regularly scanned by CAB International.

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Tropical Plant Nematology Advisory and Research: J. Bridge, MSc, PhD, CBiol
Tropical Parasitic Diseases: S. Townson, MSc, PhD

The International Institute of Parasitology (IIP), founded in 1929, has a staff of about 35 and provides taxonomic identification, research, consultancy and contract services to world agriculture and medicine. The Institute is an international centre for the systematics of parasitic helminths of animals and man, and plant parasitic and entomophilic nematodes. Publications include research papers, books, monographs and keys (details on request).

Institute staff are active in project work in many parts of the world, acting as consultants or researchers for a variety of international and national agencies. IIP staff contribute as advisers to field and survey work, and provide an authoritative identification service for the nematodes and helminths collected.

Identification Services

IIP provides an authoritative identification service to agricultural, biological and medical scientists throughout the world. The service handles plant-parasitic and entomophilic nematodes and helminth parasites of animals and man. The services are backed by well documented and extensive reference collections including those of several eminent helminthologists; living cultures of plant parasitic nematodes are maintained in the IIP glasshouses.

IIP's team of specialists are also involved in research including taxonomic revision of economically important groups of helminths and plant parasitic nematodes and the production of identification aids.

Details of charging and advice on collection, preservation and despatch of specimens for identification are available on request. The identification service is provided free of charge to non-commercial users in CABI member countries, and at moderate cost to users in non-member countries and in commercial organisations.

Tropical Plant Nematology Advisory and Research Unit

The Unit provides an advisory service to countries in the sub-tropics and tropics, as an adjunct to the identification services provided at the Institute. It gives practical information and advice on the economic importance and control methods that can be employed on nematodes identified. Staff are available for consultancies on nematode problems and can undertake surveys of individual crops or regions, plan workshops or give in-country advice on existing nematode projects and problems. Staff are engaged in funded research on tropical nematodes in glasshouses and laboratories at the Institute, which also provides facilities for visiting research workers. The Unit is part of a 'Research Group for Nematodes in Tropical and Subtropical Agriculture' formed between the Institute and the AFRC Institute of Arable Crops Research, Rothamsted, UK.

Tropical Parasitic Diseases Unit

The Unit carries out research projects directed towards the prevention and treatment of human tropical parasitic diseases. Research at IIP has focussed on onchocerciasis and lymphatic filariasis and their arthropod vectors, and is funded by major international agencies such as WHO and the Edna McConnell Clark Foundation. These projects are part of a world-wide multidisciplinary research effort to find and develop new drugs and vaccines, and involve collaboration between pharmaceutical companies, university and institute-based research groups and clinical groups working in field trials.

Training

IIP offers both formal and informal training courses and facilities for visiting workers. Training is particularly orientated towards scientists and extension workers in developing countries. Courses of six weeks duration, on the identification of helminth parasites or plant parasitic nematodes of economic importance, are offered in alternate years to groups of fifteen participants.

Supervised individual study for periods of up to 12 months is offered by IIP's specialists and facilities are available for postgraduate studies for higher degrees or as part of a higher degree course. IIP is an associated Institute of the University of Reading and has collaborative projects with the University of London. Visiting workers in relevant fields of research are welcome to use the facilities and expertise available at IIP.

Collections

The IIP library offers a specialist collection of over 6600 books, 231 serial titles and over 28,000 reprints on helminthology, protozoology and plant nematology available to outside users. Computer terminals permit on-line retrieval from the world's major databases, including CAB ABSTRACTS, and offers a photocopying service as part of CABI Document Delivery Service. IIP collaborates with the Information Services of CABI in the production of books and journals in its fields.

Further details

Please write or telephone for our current brochure or further information on specific services you require.

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The use of soil solarization for control of plant parasitic nematodes
By Hari S. Gaur and Roland N. Perry 153

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(Lines are counted from the beginning of the bibliographic data in each item)

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Page	*Abstract*	*Line*	
139	968	15	For "*R. paradoxus* and *R. alleni* are considered *species inquirendae*" read "*R. paradoxus* and *R. alleni* are transferred back to *Eudorylaimus*."

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LIST OF SERIALS ABSTRACTED

Listed below are the titles of the serial publications (excluding most annual reports and conference proceedings) abstracted during 1991 for this journal. All the titles are given in full, except abbreviated titles taken from secondary publications such as *Referativnyi Zhurnal.*
Many other serials were scanned during 1991 but no relevant articles were selected. A full list of all the serials scanned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's abstract journals is given in the *CAB International Serials Checklist, 1988 edition.* The publication includes ISSNs and publishers' addresses.

ACS Symposium Series
Acta Agricultura Boreali-Sinica
Acta Agriculturae Shanghai
Acta Biologica Hungarica
Acta Biotechnologica
Acta Botanica Indica
Acta Botanica Sinica
Acta Entomologica Bohemoslovaca
Acta Horticulturae
Acta Phytopathologica Sinica
Acta Tropica
Acta Zoologica Hungarica
Acta Zoologica Sinica
Advances in Disease Vector Research
Advances in Plant Sciences
Agricultural Research (Washington)
Agricultural Research Journal of Kerala
Agricultural Research Review
Agricultural Science
Agricultural Science Digest (Karnal)
Agriculture Information Bulletin - United States Department of Agriculture
Agriculture International
Agriculture, Ecosystems & Environment
Agriscience
Agrochémia
Agronomía Costarricense
Agronomie
Agronomy and Soils Departmental Series - Alabama Agricultural Experiment Station
Agronomy Journal
Agrotecnia de Cuba
Alafua Agricultural Bulletin
American Fruit Grower
American Journal of Alternative Agriculture
American Journal of Enology and Viticulture
American Naturalist
American Nurseryman
American Potato Journal
American Zoologist
Analytical Methods for Pesticides and Plant Growth Regulators
Angewandte Botanik
Annales de l'Institut Pasteur, Microbiology
Annales de Parasitologie Humaine et Comparée
Annales Zoologici
Annals of Agricultural Science (Cairo)
Annals of Applied Biology
Annals of the Entomological Society of America
Annals of the Phytopathological Society of Japan
Annals of Tropical Research
Annual Review of Genetics
Antarctic Science
Antonie van Leeuwenhoek
Anzeiger für Schädlingskunde, Pflanzenschutz, Umweltschutz
Applied Agricultural Research
Applied and Environmental Microbiology
Applied Entomology and Zoology
AQIS Bulletin
Arab Journal of Plant Protection
Arboriculture Fruitière
Archiv für Hydrobiologie
Archiv für Phytopathologie und Pflanzenschutz
Archives Internationales de Physiologie et de Biochimie
Archives of Insect Biochemistry and Physiology
Arid Soil Research and Rehabilitation
Aspects of Applied Biology
Assiut Journal of Agricultural Sciences
Australasian Plant Pathology
Australian Forestry
Australian Journal of Agricultural Research
Australian Journal of Experimental Agriculture
Australian Journal of Plant Physiology
Bangladesh Journal of Scientific and Industrial Research
Bangladesh Journal of Zoology
Barley Genetics Newsletter
Behaviour Genetics
Behavioural Brain Research
Beiträge zur Tropischen Landwirtschaft und Veterinärmedizin
BGF Bulletin
Bharatiya Sugar
Bibliographies and Literature of Agriculture
Biochemical and Biophysical Research Communications
Biochemical Journal (London)
BioEssays
Biofutur
Biological Agriculture & Horticulture
Biological Wastes
Biology and Fertility of Soils
Bioved
Boletim Técnico - Centro de Pesquisas do Cacau, Brazil
Boletim Técnico - Copersucar
Boletín de Sanidad Vegetal, Plagas
Boletin Informativo, Manejo Integrado de Plagas
Bosque
BPP, Buletinul de Protectia Plantelor
Bragantia
British Mycological Society Symposium Series
British Sugar Beet Review
Buletin Penelitian Hortikultura
Buletini i Shkencave Bujqësore
Bulletin & Annales de la Société Royale Belge d'Entomologie
Bulletin - Agricultural Experiment Station, University of Illinois at Urbana-Champaign
Bulletin - Agricultural Experiment Stations, University of Florida
Bulletin Agronomique (Petit Bourg)
Bulletin de l'Institute Royal des Sciences Naturelles de Belgique, Biologie
Bulletin OEPP
Bulletin of Agricultural Science and Technology
Bulletin of Environmental Contamination and Toxicology
Bulletin of Faculty of Agriculture, University of Cairo
Bulletin of Marine Science
Bulletin of the Faculty of Agriculture, University of Cairo
Bulletin of the Fruit Tree Research Station, A (Yatabe), Japan
Bulletin of the Fukuoka-ken Forest Experiment Station
Bulletin of the Institute of Zoology, Academia Sinica
Bulletin of the Tohoku National Agricultural Experiment Station
Bulletin SROP
Bunda Journal of Agricultural Research
Cahiers de Biologie Marine
Canadian Entomologist
Canadian Journal of Botany
Canadian Journal of Forest Research
Canadian Journal of Microbiology
Canadian Journal of Zoology
Canadian Plant Disease Survey
Capsicum Newsletter
CARD Staff Report Series
Cell (Cambridge)
Cell Regulation
Centro Agrícola
Chemistry of Natural Compounds
China Citrus
China Fruits
China's Fiber Crops
Chinese Journal of Biological Control
Chinese Journal of Entomology
Ciencia y Técnica en la Agricultura, Cítricos y Otros Frutales
Ciencia y Técnica en la Agricultura, Protección de Plantas
CIP Circular
Compact Fruit Tree
Comparative Biochemistry and Physiology. A, Comparative Physiology
Comparative Biochemistry and Physiology. B, Comparative Biochemistry

Comparative Biochemistry and Physiology. C, Comparative Pharmacology and Toxicology
Comparative Physiology and Ecology
Comptes Rendus de l'Académie des Sciences. Series 3, Sciences de la Vie
Comunicado Técnico, Unidade de Execução de Pesquisa de Âmbito Estadual Dourados, EMBRAPA, Brazil
Contact Dermatitis
Crop Protection
Crop Science
Crops State of the Art and Abstract Bibliography Series
Cryobiology
Cultivar (Paris)
Current Nematology
Current Science
Deutscher Gartenbau
Developmental Biology
Difesa delle Piante
Discovery and Innovation
Dissertation Abstracts International. B, Sciences and Engineering
DNA
Documentos, Centro Nacional de Pesquisa de Soja, EMBRAPA
Doklady, Biological Sciences
Ecological Research
Ecology
Ecossistema
Eesti Teaduste Akadeemia Toimetised, Biologia
EMBO Journal
Entomological Knowledge
Entomologie et Phytopathologie Appliqueés
Entomology Memoir - Department of Agricultural Development, South Africa
Entomophaga
Environment and Ecology
Environmental Entomology
Environmental Management
Environmental Toxicology and Chemistry
EPPO Bulletin
EPPO Publications, C
Estuarine, Coastal & Shelf Science
Euphytica
EUR Publication
Experientia
Experimental Parasitology
Experiments of Agriculture and Forestry Science
Extension Bulletin - ASPAC, Food & Fertilizer Technology Center
Extension Bulletin - Cooperative Extension, College of Agriculture & Home Economics, Washington State University
FABIS Newsletter
FAO Plant Production and Protection Paper
Farming in South Africa
Field Crops Research
Fitopatología Colombiana
Florida Entomologist
Folia Parasitologica
Food Additives and Contaminants
Forage Notes
Forest Insects and Disease Conditions in Canada
Forest Pest and Disease
Forest Research
Forest Science
Forest Science and Technology
Forêt Conservation
Fragmenta Balcanica
FRI Bulletin
Fruits (Paris)
Frustula Entomologica
Fujian Agricultural Science and Technology
Functional Ecology
Garcia de Orta. Série de Zoologia
Gene
General and Comparative Endocrinology
General Technical Report - Rocky Mountain Forest and Range Experiment Station, USDA Forest Service
Genetics
Genome
Gesunde Pflanzen
Gewasbescherming
Glasnik Zastita Bilja
Groenten en Fruit
Haryana Agricultural University Journal of Research
Haryana Journal of Horticultural Sciences
Hassadeh
Helminthologia
Horticultural Journal
Horticultural Reviews
HortScience
Hunan Agricultural Science
Hydrobiologia
Hydrobiological Bulletin
Hydrobiological Journal
Impact AgBioBusiness
Index to Theses Accepted for Higher Degrees by the Universities of Great Britain and Ireland and the Council for National Academic Awards
Indian Agriculturist
Indian Forester
Indian Journal of Agricultural Sciences
Indian Journal of Applied and Pure Biology
Indian Journal of Entomology
Indian Journal of Helminthology
Indian Journal of Horticulture
Indian Journal of Medical Research. Section A, Infectious Diseases
Indian Journal of Mycological Research
Indian Journal of Mycology and Plant Pathology
Indian Journal of Natural Rubber Research
Indian Journal of Nematology
Indian Journal of Parasitology
Indian Journal of Plant Pathology
Indian Journal of Plant Protection
Indian Perfumer
Indian Phytopathology
Informatore Agrario
Informatore Fitopatologico
Inligtingsbulletin - Navorsingsinstituut vir Sitrus en Subropiese Vrugte
Insect Science and its Application
International Chickpea Newsletter
International Journal for Parasitology
International Journal of Radiation Applications and Instrumentation. Part A, Applied Radiation and Isotopes
International Nematology Network Newsletter
International Pigeonpea Newsletter
Internationale Revue der Gesamten Hydrobiologie
Invertebrate Reproduction and Development
IPM Practitioner
Iranian Journal of Plant Pathology
Italia Agricola
Izvestiya Akademii Nauk Azerbaĭdzhanskoĭ SSR, Biologicheskie Nauki
Japanese Journal of Nematology
Jiangsu Agricultural Sciences
Journal - American Society of Sugarcane Technologists
Journal - Water Pollution Control Federation
Journal of African Zoology
Journal of Agricultural and Food Chemistry
Journal of Agricultural Entomology
Journal of Agriculture of the University of Puerto Rico
Journal of Agronomy and Crop Science
Journal of Antibiotics
Journal of Applied Entomology
Journal of Arboriculture
Journal of Beijing Agricultural College
Journal of Biological Chemistry
Journal of Biological Control
Journal of Chemical Ecology
Journal of Chromatography
Journal of Coffee Research
Journal of Comparative Physiology. A, Sensory, Neural, and Behavioural Physiology
Journal of Comparative Physiology. B, Biochemical, Systemic, and Environmental Physiology
Journal of Economic Entomology
Journal of Entomological Research
Journal of Entomological Science
Journal of Environmental Management
Journal of Fruit Science
Journal of Genetics & Breeding
Journal of Guizhou Agricultural Science
Journal of Hebei Agrotechnical Teachers College
Journal of High Resolution Chromatography and Chromatography Communications
Journal of Huazhong Agricultural University
Journal of Insect Science
Journal of Invertebrate Pathology
Journal of Jiangsu Forestry Science & Technology
Journal of Korean Forestry Society
Journal of Medical Entomology
Journal of Molecular Biology
Journal of Nanjing Forestry University
Journal of Nematology
Journal of Oilseeds Research
Journal of Parasitology
Journal of Phytological Research
Journal of Phytopathology
Journal of Plantation Crops
Journal of Research - Assam Agricultural University
Journal of Research, Punjab Agricultural University
Journal of the American Society for Horticultural Science
Journal of the Entomological Society of British Columbia
Journal of the Helminthological Society of Washington
Journal of the Japanese Forestry Society

Journal of Tropical Ecology
Kartoffelbau
Kartoffelforschung Aktuell
Kartoplyarstvo
Koedoe
Korean Journal of Applied Entomology
Korean Journal of Entomology
KTBL-Arbeitspapier
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CAB International (CABI) is an international, inter-governmental organization registered with the United Nations. It is owned and administered by its member governments; these currently number 29, but membership is open to all governments wishing to participate. Established in 1928, the organization provides information, scientific and development services for agriculture and allied disciplines throughout the world.

Information Services
The main task of the Information Services, located at the CAB International Centre (CABIC) at Wallingford, is the creation of a bibliographic database of research on agriculture, forestry and allied disciplines, including social sciences and aspects of human medicine.

The Accessions Unit acquires the relevant scientific and technical literature for abstracting and indexing by almost 100 scientists/linguists in the following five divisions:

Animal Health & Medical Parasitology
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Crop Production
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The Information Services also publish primary journals and books, and offer training for information professionals, especially in developing countries.

Scientific Services
CABI's Scientific Services consist of four institutes and two support services:

International Institute of Entomology (IIE),
Director, Dr K.M. Harris, located at 56 Queen's Gate, London, and in the British Museum, Natural History.

International Mycological Institute (IMI),
Director, Professor D.L. Hawksworth, located at Ferry Lane, Kew, London, adjacent to the Royal Botanic Gardens.

International Institute of Parasitology (IIP),
Director, Dr R. Muller, located at Winches Farm, St Albans, the field station of the London School of Hygiene & Tropical Medicine.

These three Institutes provide an authoritative identification service for agricultural pests and other organisms, conduct research, implement projects, and provide training in their fields of expertise.

International Institute of Biological Control (IIBC),
Director, Dr D.J. Greathead, has its headquarters at Silwood Park, Ascot, the field station of Imperial College of Science and Technology, University of London. It has stations in Trinidad and Tobago, Switzerland, Pakistan, Kenya and Malaysia. It provides biocontrol services, conducts training, and participates in integrated pest management programmes.

Development Services (CDS),
Head, Mr D. Heydon, integrate the broad range of CABI expertise to provide advice and assistance with agricultural problems, but particularly those related to pest management and information services, and also coordinate CABI's training activities.

Library Services,
Manager, Mr C.J. Hamilton, have their headquarters with IIBC at Silwood Park, where the main Library is held, with additional literature collections at IMI, IIP, CDS and CABIC. Library Services operate document delivery and translation services.

Information Technology Services (ITS)
ITS provide computing resources and services to all parts of CABI. A central computing facility is maintained with telecommunications access to seven remote sites, including the four CABI Institutes. CABIC is served by a modern Local Area Network which provides access to the computers, and by advanced office automation facilities. The main computers are DEC VAX systems and the principal software systems are BASIS for data management and information retrieval and PAGER for typesetting.

The staff of 25 includes database production personnel, systems analysts, programmers and computer operators. The principal systems are for the production of the CAB ABSTRACTS database and associated functions, plus accessions control, subscription management and electronic publishing.

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